



## N49RF ERROR SUMMARY

**Flight ID: 20140806N1, Hurricane Iselle Surveillance**

SENSOR OR SYSTEM	NUMBER OR NAME
Static Pressure Probe	PSM.2
Dynamic Pressure Probe	PQM.2
Total Temperature Probe	TTM.4
Dewpoint Temperature Probe	TDM.2
Vertical Accelerometer	AccZI.1
Altimeter	AltGPS.3 (Novatel)
INE Selection	INE1
Dynamic Attack Pressure Probe	PDALPHA.2
Dynamic Sideslip Pressure Probe	PDBETA.2
Project Directory	/acdata/2014/MET/20140806N1

### NOTES:

Data gap 163145Z-163332Z, well before takeoff.

It was noted that for the corrected radar altimeter (AltRa1.c) output, there were 2 second data dropouts approximately every 90 seconds .

The radar altimeter (AltRa.1) experienced missing data for the following times: Sporatically 175800-1819Z, 193825-193930Z, 201702-201754Z, 003917-003935Z.

SPECIAL NOTE!!! The variable names DPJ\_GSZ, DPJ\_ASZ and DPJ\_WSZ in the netCDF file represent vertical ground speed, vertical air speed and vertical wind speed, respectively, computed using Dave Jorgensen's vertical wind

# Dropsondes Dropped	# Good Dropsondes	# Messages sent to NHC
33	32	32

Note: Messages were requested to not be transmitted off the plane.

	Takeoff (1740Z) @PHNL	Land (0102Z) @ PHNL
Aircraft Static Pressure	1015.4 mb	1013.8 mb
Corrected Tower Pressure	1017.3 mb	1015.9 mb